

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

BENZIMIDAZOLE QUINOLINONES AND USES THEREOF

(Attorney Docket No. 19099.004 (072121-0307))

the specification of which (check one)

 is attached hereto.

 X was filed on August 19, 2003 as United States Application Number 10/644,055.

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's

certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/405,729	August 23, 2002
60/426,107	November 13, 2002
60/426,226	November 13, 2002
60/426,282	November 13, 2002
60/428,210	November 21, 2002
60/460,327	April 3, 2003
60/460,328	April 3, 2003
60/460,493	April 3, 2003
60/478,916	June 16, 2003
60/484,048	July 1, 2003

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number

I HEREBY APPOINT the registered attorneys and agents of Foley & Lardner LLP at Customer Number 23524

23524

PATENT TRADEMARK OFFICE

specifically including the following attorneys and agents:

RICHARD C. PEET	Reg. No. 35,792
STEPHEN A. BENT	Reg. No. 29,768
BERNARD P. FRIEDRICHSEN	Reg. No. 44,689
HARRY C. ENGSTROM	Reg. No. 26,876
MICHELLE MANNING	Reg. No. 50,592
MARK A. KASSEL	Reg. No. 38,200
JOSEPH P. MEARA	Reg. No. 44,932
BETH A. BURROUS	Reg. No. 35,087
STEPHEN B. MAEBIUS	Reg. No. 35,264

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I also HEREBY APPOINT the registered attorneys and agents of Chiron Corporation at Customer Number 27476,

27476

PATENT TRADEMARK OFFICE

specifically including the following attorneys and agents:

ROBERT P. BLACKBURN	Reg. No. 30,447
ALISA A. HARBIN	Reg. No. 33,895
CHARLENE A. LAUNER	Reg. No. 33,035
REBECCA M. HALE	Reg. No. 45,680
LISA E. ALEXANDER	Reg. No. 41,576
STEVEN W. COLLIER	Reg. No. 42,429
MARCELLA LILLIS	Reg. No. 36,583
YOUNG J. SUH	Reg. No. 41,337
MICHAEL J. MORAN	Reg. No. 42,013
T. HELEN PAYNE	Reg. No. 36,889

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

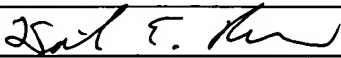
Attorney Young J. Suh
Reg. No. 41,337
Chiron Corporation
P.O. Box 8097
Emeryville, CA 94662
Telephone: (510) 923-2706
Facsimile: (510) 655-3542

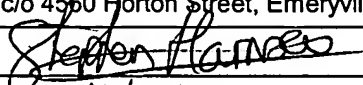
I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

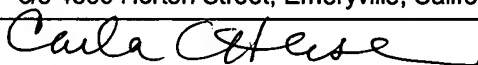
I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

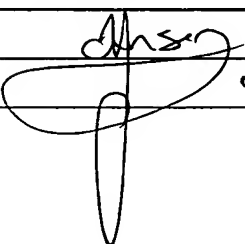
Name of first inventor	Paul A. Barsanti
Residence (City, State)	Walnut Creek, California Pleasant Hill, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	P. Barsanti
Date	4-7-04

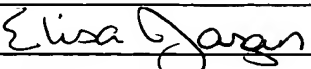
4-7-04
PAB.

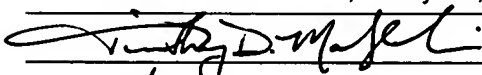
Name of second inventor	Dirksen Bussiere
Residence (City, State)	San Leandro, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	3/26/04

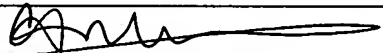
Name of third inventor	Stephen D. Harrison
Residence (City, State)	Albany, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	4/7/04

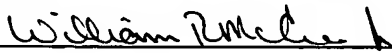
Name of fourth inventor	Carla C. Heise
Residence (City, State)	Benicia, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	4/7/04

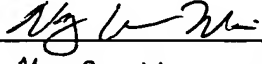
Name of fifth inventor	Johanna M. Jansen
Residence (City, State)	San Francisco, California
Citizenship	The Netherlands
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	4/7/04

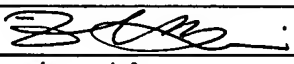
Name of sixth inventor	Elisa Jazan
Residence (City, State)	Richmond, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	3/26/04

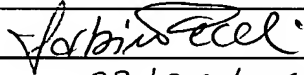
Name of seventh inventor	Timothy D. Machajewski
Residence (City, State)	Martinez, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	4/7/04

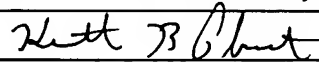
Name of eighth inventor	Christopher McBride
Residence (City, State)	Oakland, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	3-26-04

Name of ninth inventor	William R. McCrea, Jr.
Residence (City, State)	Berkeley, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	March 26, 2004

Name of tenth inventor	Simon Ng
Residence (City, State)	Walnut Creek, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	March 26, 2004

Name of eleventh inventor	Zhi-Jie Ni
Residence (City, State)	Fremont, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	April 7, 2004

Name of twelfth inventor	Sabina Pecchi
Residence (City, State)	Oakland, California
Citizenship	Italy
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	03/26/04

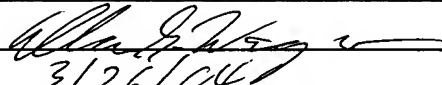
Name of thirteenth inventor	Keith B. Pfister
Residence (City, State)	San Ramon, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	March 26, 2004

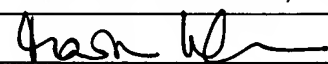
Name of fourteenth inventor Savithri Ramurthy
Residence (City, State) Walnut Creek, California
Citizenship United States of America
Post Office Address c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature *S. Ramurthy*
Date 3/26/04


Name of fifteenth inventor Paul A. Renhowe
Residence (City, State) Danville, California
Citizenship United States of America
Post Office Address c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature *Paul Renhowe*
Date 3-26-04

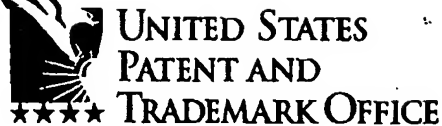
Name of sixteenth inventor Cynthia M. Shafer
Residence (City, State) El Sobrante, California
Citizenship United States of America
Post Office Address c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature *Cynthia M. Shafer*
Date 3-26-04

Name of seventeenth inventor Joel B. Silver
Residence (City, State) ~~Concord, New Hampshire~~ Santa Cruz, CA *US*
Citizenship United States of America
Post Office Address c/o 4560 Horton Street, Emeryville, California 94608 *4560 Horton St, Emeryville, CA 94608*
Inventor's signature *Joel Silver*
Date 3/25/04

Name of eighteenth inventor	Allan S. Wagman
Residence (City, State)	Belmont, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	3/26/04

Name of nineteenth inventor	Marion Wiesmann
Residence (City, State)	Brisbane, California
Citizenship	Germany
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	3/26/04

Name of twentieth inventor	Kelly Wayman
Residence (City, State)	San Rafael, California
Citizenship	United States of America
Post Office Address	c/o 4560 Horton Street, Emeryville, California 94608
Inventor's signature	
Date	3/26/04



167

APRIL 01, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

CHIRON CORPORATION
STEVEN W. COLLIER
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CA 94662



102299315A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/14/2002

REEL/FRAME: 013528/0406
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
RAMURTHY, SAVITHRI

DOC DATE: 09/05/2002

ASSIGNOR:
BARSANTI, PAUL A.

DOC DATE: 09/05/2002

ASSIGNOR:
NI, ZHI-JIE

DOC DATE: 09/05/2002

ASSIGNOR:
HARRISON, STEPHEN D.

DOC DATE: 09/05/2002

ASSIGNOR:
PECCHI, SABINA

DOC DATE: 09/05/2002

ASSIGNOR:
WAGMAN, ALLAN S.

DOC DATE: 09/05/2002

ASSIGNOR:
RENHOWE, PAUL

DOC DATE: 09/05/2002

RECEIVED

SEP 10 2003

FOLEY & LARDNER
MADISON, WI
IP DOCKETING

DOCKETED on/by 4/8/03/ea
Atty. SWC PA
File # PP 19099.001
Due Date _____ Ext _____
Final Date _____

013528/0406 PAGE 2

ASSIGNOR:
PFISTER, KEITH

DOC DATE: 09/05/2002

ASSIGNOR:
NG, SIMON

DOC DATE: 09/05/2002

ASSIGNEE:
CHIRON CORPORATION
PO BOX 8097
INTELLECTUAL PROPERTY, MAIL STOP R-
3
EMERYVILLE, CALIFORNIA 94662

SERIAL NUMBER: 60405729
PATENT NUMBER:

FILING DATE: 08/23/2002
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, We, Allan S. Wagman, Savithri Ramurthy, Paul A. Barsanti, Zhi-Jie Ni, Stephen D. Harrison, Sabina Pecchi, Paul Renhowe, Keith Pfister, and Simon Ng, hereinafter referred to as *ASSIGNORS*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: QUINOLINONE GSK3 INHIBITORS

Date(s) of Execution: September 5, 2002

Filing Date: August 23, 2002

Serial No: 60/405,729

WHEREAS, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California 94608-2916, a corporation of the State of Delaware, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

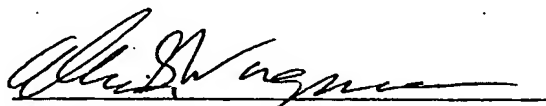
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNORS* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNORS* have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNORS* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS also agree that the U.S. application number may be entered above by **ASSIGNEE** or its agents upon designation of the application number by the U.S. Patent and Trademark Office.

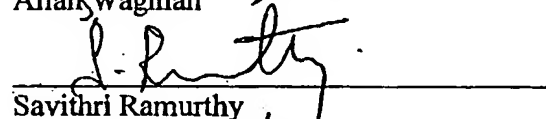
ASSIGNORS further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

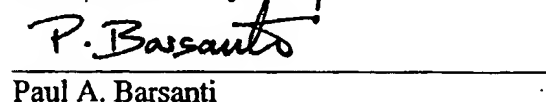
DATE 9/5/02


Allan Wagman

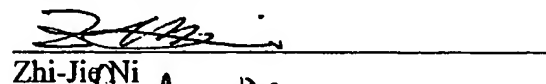
DATE 9/5/02


Savithri Ramurthy

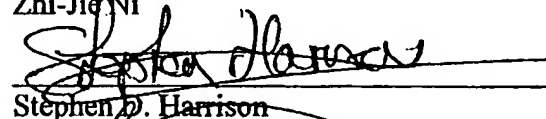
DATE 9-5-02


Paul A. Barsanti

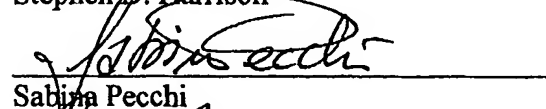
DATE 9-5-2002


Zhi-Jie Ni

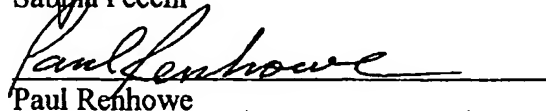
DATE 9-5-2002


Stephen D. Harrison

DATE 9/5/02


Sabina Pecchi

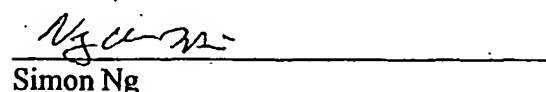
DATE 9-5-02


Paul Renhowe

DATE 9-5-02


Keith Pfister

DATE 9-5-2002


Simon Ng

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

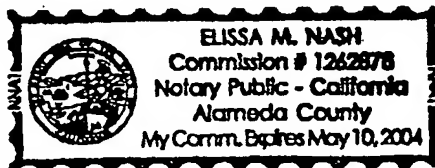
State of California

County of Alameda

SS.

On September 5, 2002, before me, Elissa M. Nash
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Allan S. Wagman, Savithri Ramurthy, Paul A. Barsanti,
Zhi-Jie Ni, Stephen D. Harrison, Sabin Pecchi,
Paul Renhowe, Keith Pfister, and Simon Ng

☒ personally known to me
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Place Notary Seal Above

Elissa M. Nash
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

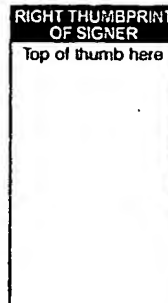
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____





JUNE 17, 2003

CHIRON CORPORATION
STEVEN W. COLLIER
MAIL STOP R-3
PO BOX 8097
EMERYVILLE, CA 94662

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102363404A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/10/2003

REEL/FRAME: 013736/0209
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HEISE, CARLA

DOC DATE: 01/30/2003

ASSIGNEE:
CHIRON CORPORATION
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CALIFORNIA 94662

SERIAL NUMBER: 60426107
PATENT NUMBER:

FILING DATE: 11/13/2002
ISSUE DATE:

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
SEP 10 2003

FOURTHARDNER
WI

DOCKETED on/by 6/23/03 em
Atty. GS
File # PP19998.001
Due Date _____
Final Date _____

ASSIGNMENT
Inventor

WHEREAS, I, Carla Heise, hereinafter referred to as *ASSIGNOR*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SMALL MOLECULE INHIBITORS OF GROWTH FACTOR TYROSINE
 KINASE RECEPTORS INVOLVED IN ANGIOGENESIS AND TUMOR
 CELL PROLIFERATION

Date of Execution: January 30, 2003

Filing Date: November 13, 2002

Serial No: 60/426,107

WHEREAS, Chiron Corporation, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNOR* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNOR* has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNOR* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNOR** has hereunto signed her name to this assignment on the date indicated below.

DATE

1-30-03



Carla Heise

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

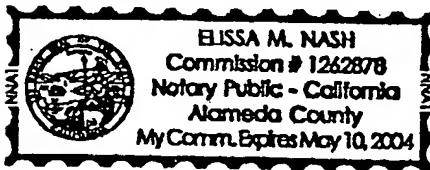
State of California

County of Alameda

On January 30, 2003 before me, Elissa M. Nash
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Carla Heise
Name(s) of Signer(s)

☐ personally known to me – OR – ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer Is Representing: _____

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer Is Representing: _____



UNITED STATES
PATENT AND
TRADEMARK OFFICE

SEPTEMBER 09, 2003

CHIRON CORPORATION
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CA 94662

PTAS

Deputy Under Secretary of Commerce For Intellectual Property and
Deputy Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102421427A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/09/2003

REEL/FRAME: 013951/0329
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WIESMANN, MARION

DOC DATE: 04/07/2003

ASSIGNEE:

CHIRON CORPORATION
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CALIFORNIA 94662

SERIAL NUMBER: 60426226
PATENT NUMBER:

FILING DATE: 11/13/2002
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

DOCKETED on/by 9/15/03 on
Atty. GS PA
File # PP 19997.057
Due Date _____ Ext _____
Final Date _____

ASSIGNMENT

Inventor

WHEREAS, I, Marion Wiesmann, hereinafter referred to as *ASSIGNOR*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: POTENT MODULATORS OF ANGIOGENESIS AND CELLULAR PROLIFERATION

Date of Execution: April 7, 2003

Filing Date: November 13, 2002

Serial No: 60/426,226

WHEREAS, Chiron Corporation, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNOR* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNOR* has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNOR* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number may be entered above by *ASSIGNEE* or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed her name to this assignment on the date indicated below.

DATE

4-7-03



Marion Wiesmann

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

ss.

On April 7, 2003

Date

before me, Elissa M. Nash

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

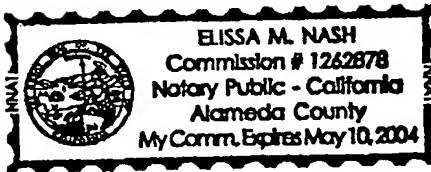
Marion Wiesmann

Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

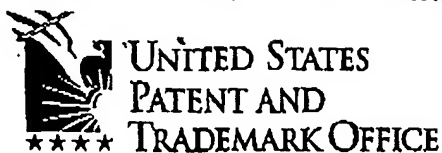
Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



SEPTEMBER 30, 2003

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.govCHIRON CORP.
STEVEN W. COLLIER
MAIL STOP R-3
PO BOX 8097
EMERYVILLE, CA 94662

102544185A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/22/2003

REEL/FRAME: 014009/0460
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HEISE, CARLA

DOC DATE: 04/16/2003

ASSIGNEE:
CHIRON CORPORATION
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CALIFORNIA 94662SERIAL NUMBER: 60426282
PATENT NUMBER:FILING DATE: 11/13/2002
ISSUE DATE:PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDSDOCKETED on/by 10/7/03/ *on*
Atty. *GS* PA
File # *PP 19996.01*
Due Date _____ Ext _____
Final Date _____

ASSIGNMENT
Inventor

WHEREAS, I, Carla Heise, hereinafter referred to as **ASSIGNOR**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **SMALL MOLECULE INHIBITORS OF GROWTH FACTOR TYROSINE KINASES, COMBINATIONS, AND COMPOSITIONS**

Date of Execution: April 16, 2003 Filing Date: November 13, 2002

Serial No: 60/426,282

WHEREAS, Chiron Corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNOR** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number may be entered above by *ASSIGNEE* or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed her name to this assignment on the date indicated below.

DATE

4/16/03

Carla Heise

Carla Heise

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

SS.

On April 16, 2003

Date

Elissa M. Nash

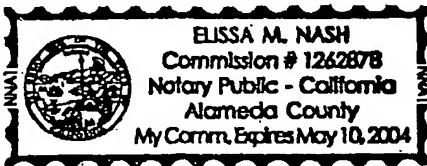
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Carla Heise

Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

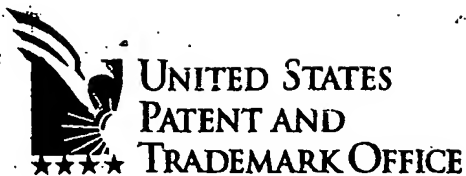
☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



183

JUNE 17, 2003

CHIRON CORPORATION
STEVEN W. GOLLIER
PO BOX 8097
EMERYVILLE, CA 94662

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102363405A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/10/2003

REEL/FRAME: 013734/0973
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WAGMAN, ALLAN

DOC DATE: 12/16/2002

ASSIGNOR:

RAMURTHY, SAVITHRI

DOC DATE: 01/30/2003

ASSIGNOR:

BARSANTI, PAUL A.

DOC DATE: 01/30/2003

ASSIGNOR:

NI, ZHI-JIE

DOC DATE: 01/30/2003

ASSIGNOR:

HARRISON, STEPHEN D.

DOC DATE: 01/30/2003

ASSIGNOR:

PECCHI, SABINA

DOC DATE: 01/30/2003

ASSIGNOR:

RENHOWER, PAUL

DOC DATE: 01/30/2003

ED

DOCKETED on/by 6/23/03 om
Atty. GS PA
File # PP19099.002
Due Date _____ Ext _____
Final Date _____

SEP 10 2003

FOLEY & LARDNER
MILWAUKEE, WI
RE DOCKETING
5/4

013734/0973 PAGE 2

ASSIGNOR:

PFISTER, KEITH

DOC DATE: 01/30/2003

ASSIGNOR:

NG, SIMON

DOC DATE: 01/30/2003

ASSIGNOR:

MACHAJEWSKI, TIMOTHY D.

DOC DATE: 01/30/2003

ASSIGNOR:

SHAFER, CYNTHIA M.

DOC DATE: 01/30/2003

ASSIGNOR:

MCCREA, WILLIAM R.

DOC DATE: 02/03/2003

ASSIGNOR:

MCBRIDE, CHRISTOPHER

DOC DATE: 01/30/2003

ASSIGNOR:

SILVER, JOEL B.

DOC DATE: 12/16/2002

ASSIGNOR:

JAZAN, ELISA

DOC DATE: 02/03/2003

ASSIGNEE:

CHIRON CORPORATION

PO BOX 8097

MAIL STOP R-3

EMERYVILLE, CALIFORNIA 94662

SERIAL NUMBER: 60428210

FILING DATE: 11/21/2002

PATENT NUMBER:

ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, We, Allan S. Wagman, Savithri Ramurthy, Paul A. Barsanti, Zhi-Jie Ni, Stephen D. Harrison, Sabina Pecchi, Paul A. Renhowe, Keith Pfister, Simon Ng, Timothy D. Machajewski, Cynthia M. Shafer, William R. McCrea, Christopher McBride, Joel B. Silver, and Elisa Jazan, thereafter referred to as *ASSIGNORS*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **QUINOLINONE DERIVATIVES**

Date(s) of Execution: December 16, 2002, Filing Date: November 21, 2002
January 30, 2003, and February 3, 2003
Serial No: 60/428,210

WHEREAS, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California 94608-2916, a corporation of the State of Delaware, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNORS* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNORS* have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNORS* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS also agree that the U.S. application number may be entered above by **ASSIGNEE** or its agents upon designation of the application number by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

DATE 12/16/2002

Allan Wagman
Allan Wagman

DATE 1/30/03

Savithri Ramurthy
Savithri Ramurthy

DATE 1-30-03

P. Barsanti
Paul A. Barsanti

DATE 1-30-03

Zhi-Jie Ni
Zhi-Jie Ni

DATE 1-30-03

Stephen D. Harrison
Stephen D. Harrison

DATE 01-30-03

Sabina Pecchi
Sabina Pecchi

DATE 1-30-03

Paul Renkove
Paul Renkove

DATE 1-30-03

Keith Pfister
Keith Pfister

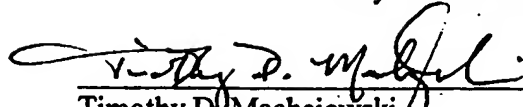
DATE 1-30-2003

Simon Ng
Simon Ng

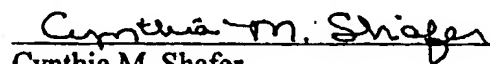
PATENT

Atty. Docket No. 19099.002


DATE 1/30/03


Timothy D. Machajewski

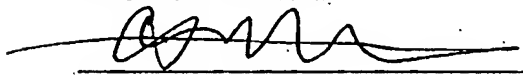
DATE 1-30-03


Cynthia M. Shafer

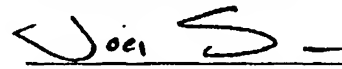
DATE 02.03.2003


William R. McCrea

DATE 1-30-03


Christopher McBride

DATE 12/16/02


Joel B. Silver

DATE 1/3 2/3/03


Elisa Jazan

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

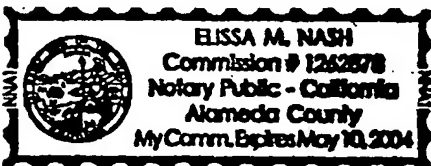
State of California

County of Alameda

On December 16, 2002 before me, Elissa M. Nash
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Allan Wagman and Joel B. Silver
Name(s) of Signer(s)

☒ personally known to me – OR – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment document

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer
Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer
Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

ss.

On January 30, 2003, before me, Elissa M. Nash

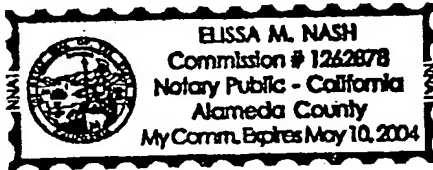
Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Timothy D. Machajewski and Christopher McBride

Name(s) of Signer(s)

- ☒ personally known to me
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Elissa M. Nash

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment document

Document Date: _____ Number of Pages: _____

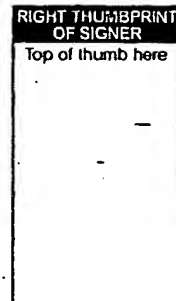
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

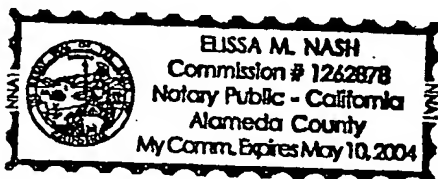
State of California

County of Alameda

On January 30, 2003 before me, Elissa M. Nash
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Savithri Ramurthy, Paul A. Barsanti, Zhi-Jie Ni, Simon Ng, Stephen D. Harrison, Sabina Pecchi, Paul Renfrow, Keith Pfister, and Cynthia Shafer

☒ personally known to me – OR – ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document Assignment document

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer
Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer
Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

On February 3, 2003

before me, Elissa M. Nash

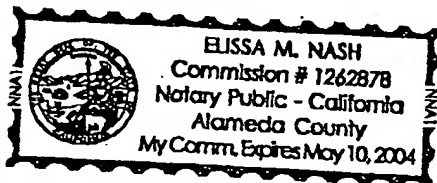
Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared William R. McCrea and Elisa Jazan

Name(s) of Signer(s)

☒ personally known to me – OR – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Individual

☐ Corporate Officer

Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney-in-Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

☐ Individual

☐ Corporate Officer

Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney-in-Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 07, 2004

PTAS



102492466A

CHIRON CORPORATION
YOUNG J. SUH
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CA 94662



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/07/2003

REEL/FRAME: 014236/0423
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HEISE, CARLA

DOC DATE: 04/16/2003

ASSIGNEE:
CIRON CORPORATION
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CALIFORNIA 94662

SERIAL NUMBER: 60460328
PATENT NUMBER:

FILING DATE: 04/03/2003
ISSUE DATE:

DOCKETED on/by 1/13/04
Att. 63 PA
File # PP19998.002
Due Date
Final Date Ex

, 014236/0423 PAGE 2

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT
Atty. Docket No. 19998.002

ASSIGNMENT
Inventor

WHEREAS, I, Carla Heise, hereinafter referred to as *ASSIGNOR*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SMALL MOLECULE INHIBITORS OF GROWTH FACTOR TYROSINE KINASE RECEPTORS INVOLVED IN ANGIOGENESIS AND TUMOR CELL PROLIFERATION

Date of Execution: April 16, 2003 Filing Date: April 3, 2003

Serial No: 60/460,328

WHEREAS, Chiron Corporation, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNOR* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNOR* has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNOR* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

PATENT

Atty. Docket No. 19998.002

ASSIGNOR also agrees that the U.S. serial number may be entered above by *ASSIGNEE* or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.

IN TESTIMONY WHEREOF, *ASSIGNOR* has hereunto signed her name to this assignment on the date indicated below.

DATE

4/16/03

Carla Heise

Carla Heise

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

} ss.

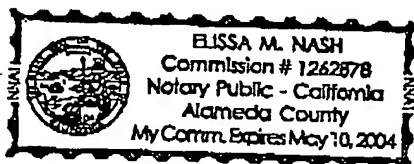
On April 16, 2003, before me, Elissa M. Nash

Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Carla Heise

Name(s) of Signer(s)

☐ personally known to me☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual☐ Corporate Officer — Title(s): _____☐ Partner — ☐ Limited ☐ General☐ Attorney in Fact☐ Trustee☐ Guardian or Conservator☐ Other: _____

Signer Is Representing: _____

**RIGHT THUMBPRINT
OF SIGNER**

Top of thumb here



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 07, 2004

PTAS



102491818A

CHIRON CORPORATION
YOUNG J. SUH
MAIL STOP R-3
PO BOX 8097
EMERYVILLE, CA 94662UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/07/2003

REEL/FRAME: 014236/0923
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HEISE, CARLA

DOC DATE: 04/16/2003

ASSIGNEE:
CHIRON CORPORATION
PO BOX 8097
MAIL STOP R-3
EMERYVILLE, CALIFORNIA 94632SERIAL NUMBER: 60460493
PATENT NUMBER:FILING DATE: 04/03/2003
ISSUE DATE:DOCKETED on/by 1/13/04/gu
Atty. GS PA
File # PP 1999L 002
Due Date Ext
Final Date Ext

014236/0923 PAGE 2

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT
Inventor

WHEREAS, I, Carla Heise, hereinafter referred to as **ASSIGNOR**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **SMALL MOLECULE INHIBITORS OF GROWTH FACTOR TYROSINE KINASES, COMBINATIONS, AND COMPOSITIONS**

Date of Execution: April 16, 2003

Filing Date: April 3, 2003

Serial No: 60/460,493

WHEREAS, Chiron Corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNOR** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number may be entered above by *ASSIGNEE* or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.

IN TESTIMONY WHEREOF, *ASSIGNOR* has hereunto signed her name to this assignment on the date indicated below.

DATE

4/16/03

Carla Heise
Carla Heise

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

ss.

On April 16, 2003, before me, Elissa M. Nash

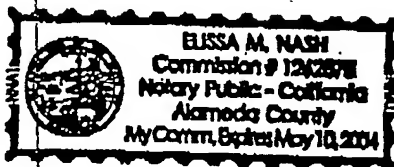
Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Carla Heise

Name(s) of Signer(s)

☐ personally known to me
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

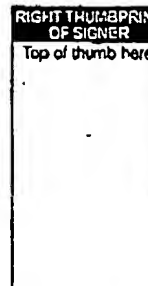
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 07, 2004

PTAS



102492214

CHIRON CORPORATION
P.O. BOX 8097
MAIL STOP R-3
EMERYVILLE, CA 94662



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/07/2003

REEL/FRAME: 014236/0671.
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WIESMANN, MARION

DOC DATE: 04/07/2003

ASSIGNEE:

CHIRON CORPORATION
P.O. BOX 8097
MAIL STOP R-3
EMERYVILLE, CALIFORNIA 94662

SERIAL NUMBER: 60460327
PATENT NUMBER:

FILING DATE: 04/03/2003
ISSUE DATE:

DOCKETED on/by 1/13/04, om
Atty. GS PA
File # PP 1999 7.002
Cite Date Ext
Final Date

014236/0671 PAGE 2

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Atty. Docket No. **PATENT**
19997.002

ASSIGNMENT
Inventor

WHEREAS, I, Marion Wiesmann, hereinafter referred to as *ASSIGNOR*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **POTENT MODULATORS OF ANGIOGENESIS AND CELLULAR PROLIFERATION**

Date of Execution: April 7, 2003

Filing Date: April 3, 2003

Serial No: 60/460,327

WHEREAS, Chiron Corporation, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

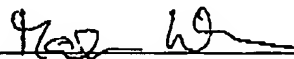
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNOR* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNOR* has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNOR* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

PATENT
Atty. Docket No 19997.002

ASSIGNOR also agrees that the U.S. serial number may be entered above by *ASSIGNEE* or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.

IN TESTIMONY WHEREOF, *ASSIGNOR* has hereunto signed her name to this assignment on the date indicated below.

DATE 4-7-03
Marion Wiesmann

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

} ss.

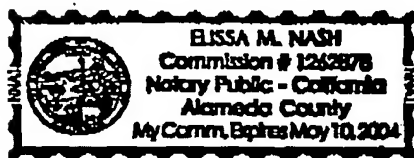
On April 7, 2003 before me, Elissa M. Nash

Date

Name and Title of Officer (e.g., "John Doe, Notary Public")

personally appeared Marion Wiesmann

Name(s) of Signer(s)

☐ personally known to me☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public
OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

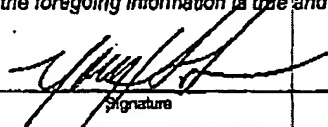
Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-In-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Atty Docket No.: 19997.003
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Marlon Wiesmann Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: Chiron Corporation Internal Address: <u>Mail Stop R-3</u> Street Address: 4560 Horton Street City: Emeryville State: U.S.A. Zip: 94608-2916 <input type="checkbox"/> Other Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: July 8, 2003	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 60/478,916 B. Patent Registration No.(s) Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Chiron Corporation Internal Address: Mail Stop R-3 Street Address: 4560 Horton Street City: Emeryville State: CA Zip: 94608-2916	6. Total number of applications and patents involved <u>4</u> 7. Total fee (37 CFR 3.41)..... \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 03-1664 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Young, J. Sub. Reg. No. 41337</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>7/29/2003</u> Date </div> </div> <div style="text-align: center; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and document: <u>4</u> </div>		

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the U.S. Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to:
 Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. 1450, Alexandria, VA 22313-1450, on this

29 day of July, 2003.

By: 

ASSIGNMENT
Inventor

WHEREAS, I, Marion Wiesmann, hereinafter referred to as *ASSIGNOR*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Quinolinone Derivatives

Date of Execution: July 8, 2003

Filing Date: June 16, 2003

Serial No: 60/478,916

WHEREAS, Chiron Corporation, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNOR* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNOR* has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNOR* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number may be entered above by *ASSIGNEE* or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.

IN TESTIMONY WHEREOF, *ASSIGNOR* has hereunto signed her name to this assignment on the date indicated below.

DATE

7-8-03


Marion Wiesmann

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

ss.

On July 8, 2003, before me, Elissa M. Nash

Date

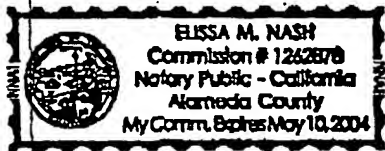
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Marion Wiesmann

Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Elissa M. Nash

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney In Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 23, 2004

CHIRON CORPORATIN
YOUNG J. SUH
MAIL STOP R-3
4560 HORTON STREET
EMERYVILLE, CA 94608-2916

PTAS



102518255A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/04/2003

REEL/FRAME: 014350/0891

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WAGMAN, ALLAN S.

DOC DATE: 07/07/2003

ASSIGNOR:

RAMURTHY, SAVITHRI

DOC DATE: 07/08/2003

ASSIGNOR:

BARSANTI, PAUL A.

DOC DATE: 07/07/2003

ASSIGNOR:

NI, ZHI-JIE

DOC DATE: 07/07/2003

ASSIGNOR:

HARRISON, STEPHEN D

DOC DATE: 07/24/2003

ASSIGNOR:

PECCHI, SABINA

DOC DATE: 07/29/2003

*Director
Jensen's list name
misspelled*
DOCKETED on/by 1/27/04 pm
Atty. GS PA
File # PP 19099.003
Due Date _____ Ext _____
Final Date _____

014350/0891 PAGE 2

ASSIGNOR:
RENHOWER, PAUL A.

DOC DATE: 07/07/2003

ASSIGNOR:
PFISTER, KEITH B.

DOC DATE: 07/07/2003

ASSIGNOR:
NG. SIMON

DOC DATE: 07/07/2003

ASSIGNOR:
MACHAJEWSKI, TIMOTHY D.

DOC DATE: 07/26/2003

ASSIGNOR:
SHAFFER, CYNTHIA M.

DOC DATE: 07/07/2003

ASSIGNOR:
MCCREA, WILLIAM R, JR.

DOC DATE: 07/24/2003

ASSIGNOR:
MCBRIDE, CHRISTOPHER

DOC DATE: 07/07/2003

ASSIGNOR:
SILVER, JOEL B.

DOC DATE: 07/24/2003

ASSIGNOR:
JAZAN, EILSA

DOC DATE: 07/24/2003

ASSIGNEE:
CHIRON CORPORATION
4560 HORTON STREET
MAIL STOP R-3
EMERYVILLE, CALIFORNIA 94608-2916

SERIAL NUMBER: 60484048
PATENT NUMBER:

FILING DATE: 07/01/2003
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT
Inventor

WHEREAS, we, Allan S. Wagman, Savithri Ramurthy, Paul A. Barsanti, Zhi-Jie Ni, Stephen D. Harrison, Sabina Pecchi, Paul A. Renhowe, Keith B. Pfister, Simon Ng, Timothy D. Machajewski, Cynthia M. Shafer, William R. McCrea, Christopher McBride, Joel B. Silver, and Elisa Jazan hereinafter referred to as *ASSIGNOR*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: QUINOLINONE DERIVATIVES

Date of Execution: July 7, 2003

Filing Date: July 1, 2003

July 8, 2003

Serial No: 60/484,048

July 24, 2003

WHEREAS, Chiron Corporation, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNOR* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNOR* has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said


ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number may be entered above by *ASSIGNEE* or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.


ASSIGNOR further agrees that we will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.

IN TESTIMONY WHEREOF, *ASSIGNOR* has hereunto signed our name to this assignment on the date indicated below.


DATE 7/7/03


Allan S. Wagman

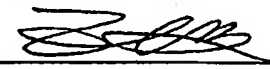
DATE 7/8/03


Savithri Ramurthy

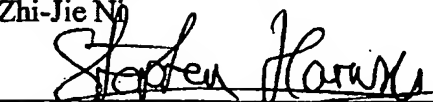
DATE 7-7-03


Paul A. Barsanti

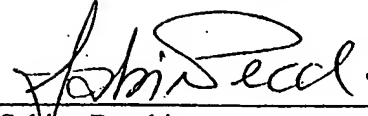
DATE 7-7-03


Zhi-Jie Ni


DATE 7-24-03


Stephen D. Harrison

DATE 7/24/03


Sabina Pecchi

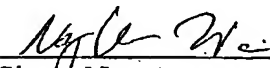
DATE 7-7-03


Paul A. Renhowe

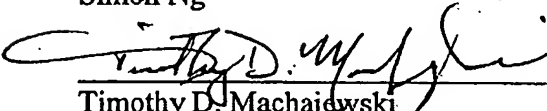
DATE 7-7-03


Keith B. Pfister

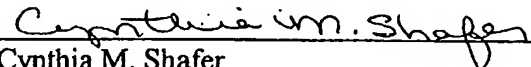
DATE 7-7-2003


Simon Ng

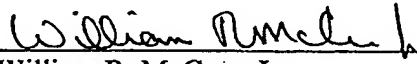
DATE 7/24/2003


Timothy D. Machajewski

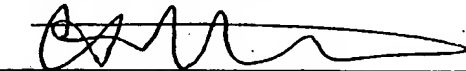
DATE 7-7-2003


Cynthia M. Shafer


DATE 07-24-2003


William R. McCrea, Jr.

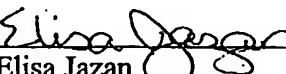
DATE 7-7-2003


Christopher McBride

DATE 7/24/2003


Joel B. Silver

DATE 7/24/2003


Elisa Jazan

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

SS.

On July 7, 2003, before me, Elissa M. Nash

Date

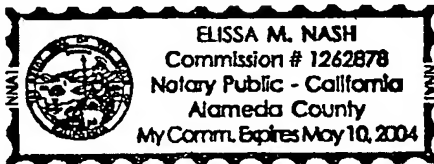
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Allan S. Wagman, Paul A. Barsanti, Zhi-Jie Ni,
Paul A. Renhowe, Keith B. Pfister, Simon Ng,
Cynthia M. Shafer, and
Christopher McBride

Name(s) of Signer(s)

☒ personally known to me

☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

SS.

On July 24, 2003, before me, Elissa M. Nash

Date

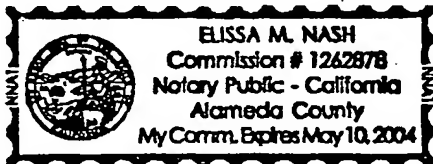
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Stephen D. Harrison, Sabina Pecchi, Timothy D. Machajewski,
William R. McCrea, Jr., Joel B. Silver, and Elisa Jazan

Name(s) of Signer(s)

- ☐ personally known to me
☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Elissa M. Nash
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here